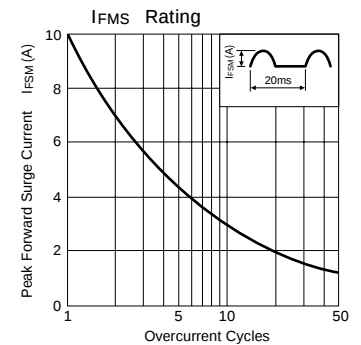
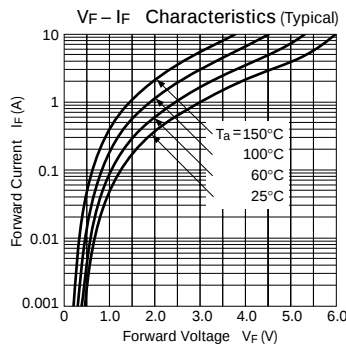
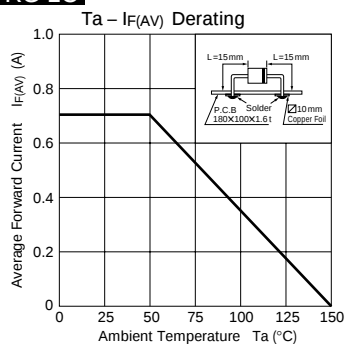


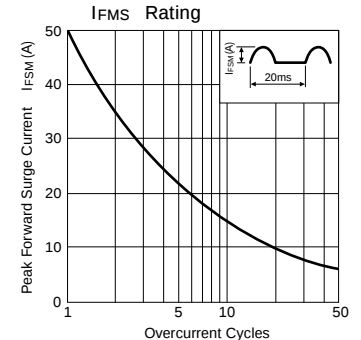
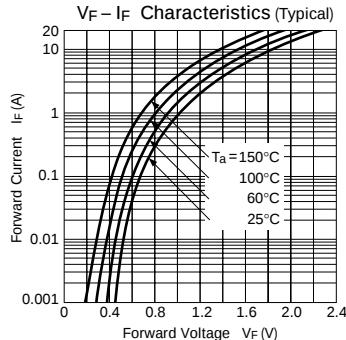
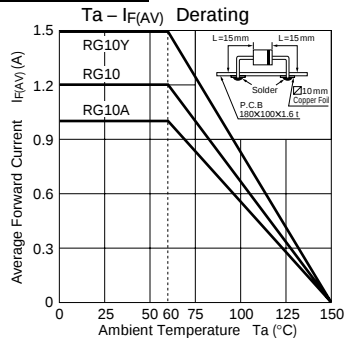
# Ultra-Fast-Recovery Rectifier Diodes

| Parameter<br><br>Type No. | Absolute Maximum Ratings |                           |                                            |                        |                          | Electrical Characteristics ( Ta =25°C) |                       |                                        |                                                 |               |                                         |               |                                         | Others               |      |     |     |
|---------------------------|--------------------------|---------------------------|--------------------------------------------|------------------------|--------------------------|----------------------------------------|-----------------------|----------------------------------------|-------------------------------------------------|---------------|-----------------------------------------|---------------|-----------------------------------------|----------------------|------|-----|-----|
|                           | V <sub>RM</sub><br>(V)   | I <sub>F(AV)</sub><br>(A) | I <sub>FSM</sub><br>(A)                    | T <sub>J</sub><br>(°C) | T <sub>stg</sub><br>(°C) | V <sub>F</sub><br>(V)                  |                       | I <sub>R</sub><br>(mA)                 | I <sub>R(H)</sub><br>(mA)                       | trr ①<br>(ns) |                                         | trr ②<br>(ns) |                                         | R <sub>th(j-ℓ)</sub> | Mass | Fig |     |
|                           |                          |                           | 50Hz<br>Half-cycle Sinewave<br>Single Shot |                        |                          | max                                    | I <sub>F</sub><br>(A) | V <sub>R</sub> =V <sub>RM</sub><br>max | V <sub>R</sub> =V <sub>RM</sub><br>Ta=100°C max |               | I <sub>F</sub> /I <sub>RP</sub><br>(mA) |               | I <sub>F</sub> /I <sub>RP</sub><br>(mA) | (°C/W)               | (g)  |     |     |
| RG 1C                     | 1000                     | 0.7                       | 10                                         | -40 to +150            |                          | 3.3                                    | 0.7                   | 0.02                                   | 0.25                                            | 100           | 100/100                                 | 50            | 100/200                                 | 15                   | 0.4  | Ⓐ   |     |
| RG 10Y                    | 70                       | 1.5                       |                                            |                        |                          |                                        | 1.1                   | 1.5                                    | 0.5                                             |               |                                         |               |                                         |                      |      |     | 2.5 |
| RG 10Z                    | 200                      | 1.2                       | 50                                         |                        |                          | 1.5                                    | 1.2                   |                                        |                                                 |               |                                         |               |                                         |                      |      |     |     |
| RG 10                     | 400                      |                           |                                            |                        |                          | 1.8                                    | 1.5                   |                                        |                                                 |               |                                         |               |                                         |                      |      |     |     |
| RG 10A                    | 600                      | 1.0                       |                                            |                        |                          | 2.0                                    | 1.0                   |                                        |                                                 |               |                                         |               |                                         |                      |      |     |     |
| RG 2Y                     | 70                       | 1.5                       |                                            |                        |                          | 1.1                                    | 1.5                   |                                        |                                                 |               |                                         |               |                                         |                      | 12   | 0.6 |     |

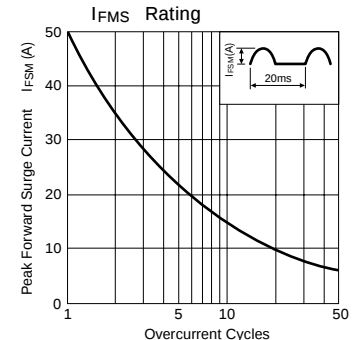
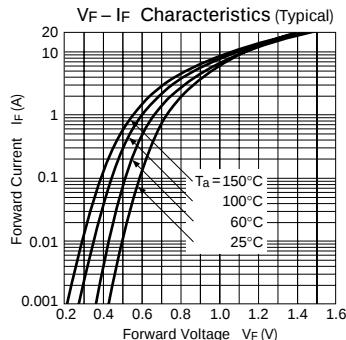
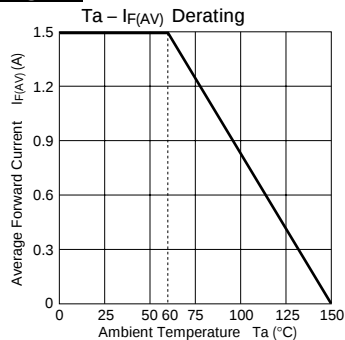
## RG 1C



## RG10 series



## RG 2Y



## External Dimensions

(Unit: mm)

Flammability:  
UL94V-0 or Equivalent

